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Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Database
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Minimum DB
Maximum DB
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Title:
Perfect score:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Total number of hits satisfying chosen parameters:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Searched:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Scoring table:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     sequence:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Run on:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    OM protein - protein search, using sw model
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             seq length: 0
seq length: 2000000000
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       March 7, 2005, 07:07:07; Search time 34.0531 Seconds (without alignments) 1072.560 Million cell updates/sec
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1391452 seqs, 329044822 residues
                                                                                           110:
112:
12:
13:
14:
15:
16:
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                                                                                                                                                                                                                                                                                                                                                                               Published Applications AA:*

1: /cgn2_6/ptcdata/1/pubpaa/US07_PUBCOMB.pep:*

2: /cgn2_6/ptcdata/1/pubpaa/PCT_NEW_PUB.pep:*

3: /cgn2_6/ptcdata/1/pubpaa/US06_NEW_PUB.pep:*

4: /cgn2_6/ptcdata/1/pubpaa/US07_NEW_PUB.pep:*

5: /cgn2_6/ptcdata/1/pubpaa/US07_NEW_PUB.pep:*

6: /cgn2_6/ptcdata/1/pubpaa/PCTUS_PUBCOMB.pep:*
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GenCore version 5.1.6
Copyright (c) 1993 - 2005 Compugen Ltd.
/Cgn2_6/ptodata/1/pubpaa/US09E_PUBCOMB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US09C_PUBCOMB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US10C_PUBCOMB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
/Cgn2_6/ptodata/1/pubpaa/US10_NEW_PUB.pep:*
                                                                                                                                                                                                                                                                                                    _6/ptodata/1/pubpaa/USO8 NEW PUB.pep:*
_6/ptodata/1/pubpaa/USO8_PUBCOMB.pep:*
_6/ptodata/1/pubpaa/USO9A_PUBCOMB.pep:*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

13	12	11	10	9	8	7	6	ហ	4	w	2	۲	Result No.
572	572	572	572	572	583	583	583	583	583	583	583	591	Score
96.8	96.8	96.8	96.8	96.8	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0	Query Match Length DB
631	449	444	163	112	532	532	443	443	163	142	142	111	Length
15	10	œ	5	15	11	10	13	13	5	片	10	10	: B
US-10-120-198B-2	US-09-774-681-2	US-08-812-393A-2	US-10-448-256-12	US-10-448-256-14	US-09-243-008-6	US-09-939-537-6	US-10-006-771A-2	US-10-006-773-2	US-10-116-275-242	US-09-243-008-34	US-09-939-537-44	US-09-939-537-37	ID
Sequence 2, Appli	Sequence 2, Appli	Sequence 2, Appli	Sequence 12, Appl	Sequence 14, Appl	Sequence 6, Appli	Sequence 6, Appli	Sequence 2, Appli	Sequence 2, Appli	24	<u>ي</u>	Sequence 44, Appl	Sequence 37, Appl	Description

45	44	43	42	41	40	39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14
85	85	94	94	94	100	103	103	117	138	138	138	138	170	170	176	176	176	178	178	184	184	187	187	187.5	250		73.			476.5	572
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172	172	35	35	19	27	32	32	28	26	26	26	26	35	35	36	36	36	35	35	36	36	38	38	53	64	575	575	113	113	113	634
15	15	11	10	14	14	H	10	14	14	14	14	14	H	10	ø	9	ø	H	10	H	10	H	10	14	14	11	10	14	14	14	16
10-282-122A-7257	-10-282-12	-09-243-008-	-09-939-537-	-10-293-862-	-10-334-405-	-09-243-008-3	-09-939-537-	-10-334-405-	-405-2	-10-334-405-	-10-334-405-	-10-334-405-	-09-243-008-	-09-939-537-4	US-09-770-102A-47	09-770-102A-	09-770-102A-3	-09-243-008-3	-09-939-537-4	9-243-0	-09-939-537-4	-09-243-008-4	9-939-537-	-10-334-405-	-10-334-405-	-09-243-008-	-09-939-537-	-10-334-405-	-10-334-405-	0-334-405-2	-10-416-011-
O (e 72475,	e 37, App	e 47,	e 2,	e 3,	e 36,	e 46,	equence 4,	Sequence 22, Appl	equence 21,	equence 20	equence 1,	e 35	e 45	47,	Sequence 40, Appl	39,	equence 38	e 48,	Sequence 39, Appl	49,	•	50,	29,	e 27,	e 4,	e 4,	e 30,	e 31,	Sequence 26, Appl	equence 2,

ALIGNMENTS

FILING DATE: 07-MAR-1991 ATTORNEY/AGENT INFORMATION:

NAME: Elbing, Karen L REGISTRATION NUMBER: 35,238

00786/247001

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; MOLECULE TYPE: protein ; SEQUENCE DESCRIPTION: SEQ ID NO: 37: US-09-939-537-37
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Best Local Similarity
Matches 111; Conserv
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INFORMATION FOR SEQ ID NO: 37:
SEQUENCE CHARACTERISTICS:
                                                                                                                                                                       COMPUTER: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: PastSEQ for Windows Version 2.0
CURRENT APPLICATION NUMBER: US/09/939,537
APPLICATION NUMBER: US/09/939,537
FILING DATE: 24-Aug-2001
CLASSIFICATION: cUnknown>
PRIOR APPLICATION DATA:
APPLICATION NUMBER: 08/284,391
APPLICATION NUMBER: 08/284,391
FILING DATE: 02-AUG-1994
***PRIOR APPLICATION NUMBER: 08/195.395
                                             APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
FILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             REFERENCE/DOCKET NUMBER: TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           KOLANUS, Waldemar
TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       NUMBER OF SEQUENCES: 53
CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
                                                                                                                                                                                                                                                                                                                                                                                             ZIP: 02110
COMPUTER READABLE FORM:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          61 LQXDXWAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHWQALPPR 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    61 LQKDKWAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   1 TRFSRSAEPPAYQQGQNQLYNELNLGRREBYDVLDKRRGRDPEMGGKPRRKNPQEGLYNE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TRFSRSAEPPAYQQQONQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNE 60
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               TYPE: amino acids
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TELEPHONE: 617-428-0200
TELEPAX: 617-428-7045
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TOPOLOGY: linear
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         STRANDEDNESS: single
                                                                                                                                                                                                                                                                                                                                                                                                                                                  STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                              COUNTRY: USA
                 NAME: Elbing, Karen L
REGISTRATION NUMBER:
REFERENCE/DOCKET NUMBER: 00786/247001
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Boston
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Banapour, Babak
Romeo, Charles
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         176 Federal Street
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Pred. No. 3.1e-56;
                 35,238
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US-09-243-008-34
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 34, Application US/09243008 Publication No. US20040005334A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 109; Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Query Match
Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TELEX: <Unknown>
INFORMATION FOR SEQ ID NO: 44:
SEQUENCE CHARACTERISTICS:
                                                                              TELEX: 200154
INFORMATION FOR SEQ ID NO: 34:
                                                                                                                                                         FILING DATE: SEPTEMBER: US/08/394,176
FILING DATE: SEPTEMBER 11,1995
APPLICATION NUMBER: 08/203,866
FILING DATE: PEDTUARY 28, 1994
APPLICATION NUMBER: 07/847,566
FILING DATE: March 6, 1992
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Karen F. Lech, Ph.D
REGISTRATION UNBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/270001
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   MOLECULE TYPE: protein SEQ ID NO: 44:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             TELECOMMUNICATION INFORMATION:
TELEPHONE: 617-428-0200
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                                                                                                                                                                                                                                                                                                    APPLICATION NUMBER: US/09/243,008 FILING DATE: 02-Feb-1999 PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version
SOFTMARE: Wordperfect (Version 5.0)
CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TITLE OF INVENTION:
                                                        SEQUENCE CHARACTERISTICS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Seed, Brian et al.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              93
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         62 QKDKWAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHWQALPPR 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         33 KFSRSAEPPAYQQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNEL 92
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     2 RFSRSABPPAYQQQNQLYNELNLGRRBEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNEL 61
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 142 amino acids
TYPE: amino acid
STRANDEDNESS: unknown
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            QKDKWAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 142
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        STATE: MA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              CITY: Boston
                                                                                                                        TELEPHONE: (617) 542-50
TELEFAX: (617) 542-8906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    COUNTRY: USA
                                     LENGTH: 142 amino acids
STRANDEDNESS: No. US20040005334A1 Relevant
                                                                                                                                                  (617) 542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    98.6%;
99.1%;
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Pred. No. 3.1e-55;
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; ORGANISM: Homo sapiens
US-10-116-275-242
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          RESULT 4
                                                                                                                                                                                                                                                                                                                                                                        RESULT 5
                                                        CURRENT APPLICATION NUMBER: US/10/006,773
CURRENT FILING DATE: 2001-12-10
PRIOR APPLICATION NUMBER: 60/250,089
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 19
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
LECTURA AA
                                                                                                                                                                                                                                                                              Sequence 2, Application US/10006773 Publication No. US20020132983A1 GENERAL INFORWATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         GENERAL INFORMATION:
APPLICANT: Elan Pharmaceutical Technology
APPLICANT: O'Mahony, Daniel J.
APPLICANT: Brayden, David
APPLICANT: Brayden, David
APPLICANT: David
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SOFTWARE: PatentIn version 3.1
SEQ ID NO 242
LENGTH: 163
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
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Best Local Similarity 99.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Byrne, Daragh
APPLICANT: Lambkin, Imelda
APPLICANT: Lambkin, Imelda
APPLICANT: Higgins, Lisa
TITLE OF INVENTION: Genetic Analysis of Peyer's Patches and M Cells and Methods and
TITLE OF INVENTION: Compositions Targeting Peyer's Patches and M Cell Receptors
FILE REFERENCE: E1067/20087
CURRENT APPLICATION NUMBER: US/10/116,275
CURRENT FILING DATE: 2002-10-04
NUMBER OF SEQ ID NOS: 349
                                                                                                                                                                                                                   APPLICANT: Junghans, Richard P.
TITLE OF INVENTION: Antibodies as Chimeric
FILE REFERENCE: 003
                      LENGTH: 443
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TYPE: PRT
ORGANISM: Homo sapiens and Mus sp.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                109;
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99.1%;
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Pred. No. 3.7e-55;
1; Mismatches 0
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Pred. No. 3.1e-55;
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                                                                                                                                                                                                                                       Effector Cell Receptors Against Tumor Ant
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Length 163;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           CURRENT APPLICATION NUMBER: US/10/006,771A
CURRENT FILING DATE: 2002-06-04
PRIOR APPLICATION NUMBER: 60/250,090
PRIOR FILING DATE: 2000-11-30
NUMBER OF SEQ ID NOS: 6
SOFTWARE: PatentIn version 3.1
SEQ ID NO 2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Sequence 2, Application US/10006771A Publication No. US20020165360A1 GENERAL INFORMATION:
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Best Local Similarity
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Best Local (
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TITLE OF INVENTION: Chimeric Effector Cell Receptors Against Carcinoembryonic Antigen
FILE REFERENCE: 002
                                                                                                                                                                                                                                                                                                                                                                                  GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             LENGTH: 443
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OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version
CURRENT APPLICATION DATA:
                                                                                                                                                                                       CORRESPONDENCE ADDRESS:
ADDRESSEE: Clark & Elbing LLP
STREET: 176 Federal Street
                                                                                                                                                                                                                                         TITLE OF INVENTION: TARGETED CYTOLYSIS OF HIV-INFECTED
CELLS BY CHIMERIC CD4 RECEPTOR- BEARING CELLS
                                                                       COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                        APPLICANT: Seed, Brian
Banapour, Babak
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              334 KFSRSAEPPAYQQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNEL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      394 QKDKMAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 443
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                                                                                                                                                   CITY: Boston
STATE: MA
                                                     COMPUTER: IBM Compatible
                                                                                                             ZIP: 02110
                                                                                                                                 COUNTRY: USA
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99.1%;
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Pred. No. 1.2e-54;
1; Mismatches 0;
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Pred. No. 1.2e-54;
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; MOLECULE TYPE: protein ; SEQUENCE DESCRIPTION: SEQ ID NO: 6: US-09-939-537-6
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US-09-243-008-6
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Publication No. US20040005334A1
GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Query Match
Best Local Similarity
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INFORMATION FOR SEQ ID NO: 6:
SEQUENCE CHARACTERISTICS:
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FILING DATE: 02-AUG-1994
APPLICATION NUMBER: 08/195,395
FILING DATE: 14-FEB-1994
APPLICATION NUMBER: 07/847,566
FILING DATE: 06-MAR-1992
APPLICATION NUMBER: 07/665,961
PILING DATE: 07-MAR-1991
ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION DATA:
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TELEPHONE: 617-428-0200
                                                                                                                                                                          ZIP: 02110-2804
COMPUTER READABLE FORM:
MEDIUM TYPE: 3.5" Diskette, 1.44 Mb
COMPUTER: IBM PS/2 Model 50Z or 55SX
OPERATING SYSTEM: IBM P.C. DOS (Version
SOFTWARE: Wordperfect (Version 5.0)
                                                                                                 APPLICATION NUMBER: US/09/243,008
FILING DATE: 02-Feb-1999
PRIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                           CORRESPONDENCE ADDRESS:
ADDRESSEE: Fish & Richardson P.C.
STREET: 225 Franklin Street
                                                                                                                                                           CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                           NUMBER OF SEQUENCES: 40
                                                                                                                                                                                                                                                                                                                                                                                                                                     TITLE OF INVENTION: Redirection of Cellular Immunity by
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANT: Seed,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           OKDKWAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 532
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TYPE: amino acid
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REGISTRATION NUMBER: 35,238
REFERENCE/DOCKET NUMBER: 00786/247001
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APPLICATION NUMBER: US/08/394,176
FILING DATE: SEPTEMBER 11,1995
APPLICATION NUMBER: 08/203,866
FILING DATE: February 28, 1994
APPLICATION NUMBER: 07/847,566
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                                                                                                                                                                                                                                                                                                                         STATE: MA
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99.1%;
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Pred. No. 1.6e-54;
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; TOPOLOGY: linear;
; MOLECULE TYPE: protein
; SEQUENCE DESCRIPTION: SEQ ID NO: 6:
US-09-243-008-6
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Publication No. US20040043401A1
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                            GENERAL INFORMATION:
                                                                                                                       Matches
                                                                                                                                  Best Local Similarity
                                                                                                                                                Query Match
                                                                                                                                                                                                                                                                                                                  CURRENT APPLICATION NUMBER: US/10/448,256
CURRENT FILING DATE: 2003-05-28
                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Sadelain, Michel APPLICANT: Brentjens, Reni
                                                                                                                                                                                                                                                                                                                                                  FILE REFERENCE: MSK.P-058
                                                                                                                                                                                                                                                                                                                                                                 TITLE OF INVENTION: Chimeric T Cell Receptors
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEX: 200154
INFORMATION FOR SEQ ID NO: 6:
                                                                                                                                                                                                 ORGANISM: human
                                                                                                                                                                                                              TYPE: PRT
                                                                                                                                                                                                                            LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               FILING DATE: March 6, 1992
APPLICATION NUMBER: 07/665,961
FILING DATE: March 7, 1991
ATTORNEY/AGENT INFORMATION:
NAME: Karen F. Lech, Ph.D
REGISTRATION NUMBER: 35,238
REGISTRATION NUMBER: 00786/270001
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION INFORMATION:
TELECOMMUNICATION: (617) 542-5070
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           SEQUENCE CHARACTERISTICS:
LENGTH: 532 amino acids
TYPE: amino acid
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         423 Krsrsaeppayoogonolynelnigrreeydvidkrrgrdpemggkrrkknroeglynel 482
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     483
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      62 QKDKWABAYSBIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 111
                                                                                                                       107;
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                 62 QKDKWARAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 111
                                                          3 KPSRSADAPAYQQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRKNPQEGLYNEL
                                                                             OKDKMABAYSBIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 532
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      TELEFAX: (617) 542-8906
OKDKMAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 112
                                                                                                                                                                                                                                                                                                                                                                              Brentjens, Renier
Maher, John
                                                                                                                        Conservative
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99.1%;
                                                                                                                                   96.8%;

    Mismatches

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Pred. No. 1.6e-54;
                                                                                                                                      Score 572; DB 15;
Pred. No. 3.6e-54;
                                                                                                                          Mismatches
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                                                                                                                                                     Length 112;
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RESULT 10
US-10-448-256-12
US-10-448-256-12
; Sequence 12, Application US/10448256
; Dublication No. US20040043401A1
; Dublication No. US20040043401A1

GENERAL INFORMATION:

APPLICANT: Sadelain, Michel APPLICANT: Brentjens, Reni

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Sequence 2, Application US/08812393A
Publication No. US20101007152A1
GENERAL INFORMATION:
APPLICANT: SHERMAN, Linda A.
APPLICANT: LUSTGARTEN, JOSEPH
ITTLE OF INVENTION: RECOMBINANT COL
ITTLE OF INVENTION: T CELL RECEPTOR
ITTLE OF INVENTION: ANTIGENS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     US-08-812-393A-2
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SEQ ID NO 12
LENGTH: 163
TYPE: PRT
ORGANISM: human
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Matches 107;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               PRIOR APPLICATION NUMBER: 60/383,872 PRIOR FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 23
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CURRENT APPLICATION NUMBER: US/10/448,256
CURRENT FILING DATE: 2003-05-28
                                                                              INFORMATION FOR SEQ ID NO:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brentjens, Renier
APPLICANT: Maher, John
TITLE OF INVENTION: Chimeric T Cell Receptors
                                                       SEQUENCE CHARACTERISTICS:
                                                                                                                                                      NAME: MUTABhige, Kate H
REGISTRATION NUMBER: 29,959
REFERENCE/DOCKET NUMBER: 31:
TELECOMMUNICATION INFORMATION:
                                                                                                                                                                                                                                                                           CLASSIFICATION: 435
PRIOR APPLICATION DATA:
APPLICATION NUMBER:
                                                                                                                                                                                                                                                                                                                                                   OPERATING SYSTEM: DOS
SOFTWARE: FastSEQ for Windows Version 2.0
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/812,393A
                                                                                                                                                                                                                                                                                                                                                                                                                                                        ZIP: 20006-1888
COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CORRESPONDENCE ADDRESS:
                                                                                                                                                                                                                                  ATTORNEY/AGENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      NUMBER OF SEQUENCES:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      STREET: 2000 Peni
CITY: Washington
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
                                                                                                                     TELEFAX:
                                                                                                                                       TELEPHONE:
                                                                                                                                                                                                                                                        FILING DATE:
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  STRANDEDNESS:
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                                  LENGTH:
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                  444 amino acids
nino acid
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                                                                                                                     202-822-0168
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                                                                                                                                       202-887-1500
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                                                                                                                                                                                                                                                                                                                                                                                                                                     Compatible
single
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97.3%;
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T CELL RECEPTORS SPECIFIC FOR HUMAN HLA-RESTRICTED TUMOR
ANTIGENS
                                                                              2
                                                                                                                                                                            31333-20001.00
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Score 572; DB 15;
Pred. No. 5.8e-54;
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RESULT 13
US-10-120-198B-2
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                                                                                                                                                                                       Sequence 2, Application US/10120198B Publication No. US20030215427A1 GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Sequence 2, Application US/09774681 Publication No. US20030208780A1 GENERAL INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Matches 107;
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Best Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Matches 107;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
           APPLICANT: Jensen, Michael
TITLE OF INVENTION: CE7-SPECIFIC REDIRECTED
FILE REFERENCE: 1954-337
CURRENT APPLICATION NUMBER: US/10/120,198B
CURRENT FILING DATE: 2002-04-11
PRIOR APPLICATION NUMBER: 60/282,859
PRIOR APPLICATION NUMBER: 60/282,859
PRIOR ETLING DATE: 2001-04-11
NUMBER: OF SEQ ID NOS: 11
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       CURRENT APPLICATION NUMBER: US/09/774,681
CURRENT FILING DATE: 2001-02-01
PRIOR APPLICATION NUMBER: US 08/812,393
PRIOR FILING DATE: 1997-03-05
PRIOR APPLICATION NUMBER: US 60/012,845
PRIOR FILING DATE: 1996-03-05
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                APPLICANT: Lustgarten, Joseph
TITLE OF INVENTION: RECOMBINANT CONSTRUCTS ENCODING T CELL
TITLE OF INVENTION: RECEPTORS SPECIFIC FOR HUMAN HLA-RESTRICTED TUMOR ANTIGENS
FILE REFERENCE: 31333-20001.01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         APPLICANT: Sunol Molecular Corporationn APPLICANT: Sherman, Linda
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               SOFTWARE: FastSEQ for Windows Version 4.0
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     NUMBER OF SEQ ID NOS: 65
SOFTWARE: PatentIn version 3.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             FEATURE: OTHER INFORMATION: Deduced amino acid derivative of effective T cell OTHER INFORMATION: receptor
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LENGTH: 449
TYPE: PRT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          ORGANISM: Artificial Sequence
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FRAGMENT TYPE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                               335 KFŚRŚADAPAYQQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNEL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Conservative
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internal
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97.3%;
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Pred. No. 2e-53;
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Sequence 2, Application US/10416011

Publication No. US20040126363A1

GENERAL INFORMATION:

APPLICANT: Jensen, Michael

APPLICANT: Forman, Stephen

APPLICANT: Raubitschek, Andrew

ITILE OF INVENTION: CD19-specific redirected immune cells

FILE REFERENCE: 1954-338

CURRENT APPLICATION NUMBER: US/10/416,011

CURRENT FILING DATE: 2003-05-07

NUMBER OF SEQ ID NOS: 8

SOFTWARE: PatentIn version 3.1

SEQ ID NO 2

LENGTH: 634

TYPE: PRT

ORGANISM: Artificial Sequence

FRATURE:

ATTIFICIAL SEQUENCE

FRATURE:

ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      5
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US-10-334-405-26
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                                                                                                                                                                             Sequence 26, Application US/10334405
publication No. US20030143644A1
GENERAL INFORMATION:
APPLICANT: Finkel, Terri
APPLICANT: Rozdział, Moshe
TITLE OF INVENTION: Product and Process to
FILE REFERENCE: 2879-33-1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Query Match
Best Local Similarity
Matches 107; Conserv
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Query Match
Best Local Similarity
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            CURRENT FILING DATE: 2002-12-31
ERIOR APPLICATION NUMBER: US/10/334,405
CURRENT FILING DATE: 2002-12-31
ERIOR APPLICATION NUMBER: US/09/366,212A
PRIOR FILING DATE: 1999-08-02
PRIOR FILING DATE: 1995-11-21
NUMBER OF SEQ ID NOS: 33
SOFTWARE: PatentIn version 3.0
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TYPE: PRT
ORGANISM: artificial sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                   585
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          522 KESRSADAPAYQQQQQQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNEL 581
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              525 KFSRSADAPAYQQGQNQLYNBLNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNBL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             62 QKDKWAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              62 QKDKWAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 111
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          2 RFSRSAEPPAYQQGQNQLYNELNLGRREEYDVLDKRRGRDPEMGGKPRRKNPQEGLYNEL
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                                                                                                                                                                                                                                                                                                                                                                                                                                                 QKDKMAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 634
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  QKDKMAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 631
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Conservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         96.8%; Score 572; DB 16; Length 634;
97.3%; Pred. No. 3e-53;
tive 2; Mismatches 1; Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             96.8%; Score 572; DB 15; Length 631; 97.3%; Pred. No. 3e-53;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       2; Mismatches
                                                                                                                                                                                                           Regulate Actin Polymerization in T Lympho
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; TYPE: PRT ; ORGANISM: Mus musculus US-10-334-405-26
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Job time :
Search completed: March Job time : 35.0531 secs
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                                                                                                                                                                                                           Query Match 80.6%;
Best Local Similarity 83.8%;
Matches 93; Conservative
                                                                                                                                                                                                                                                                                                                                    SEQ ID NO 26
LENGTH: 113
                                                                   63
                                                                                                      61 LOKDKMAEAYSEIGMKGERRRGKGHDGLYQGLSTATKDTYDALHMQALPPR 111
                                                                                                                                         3 KFSRSAETAANLODPNOLYNELNLGRREEYDVLEKKRARDPEMGGKOORRRNPOEGVYNA
                                                                                                                                                           RFSRSAEPPAYQQQQNQLYNELNLGRREEYDVLDKRRGRDPEMGGK-PRRKNPQEGLYNE 60
                                                                     LOKDKMAEAYSEIGTKGERRRGKGHDGLYQGLSTATKDTYDALHMQTLAPR 113
                7, 2005, 07:28:14
                                                                                                                                                                                                             Score 476.5; DB 14; Pred. No. 8.3e-44; 5; Mismatches 12;
                                                                                                                                                                                                              12; Indels
                                                                                                                                                                                                                                                 Length 113;
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                                                                                                                                                                                                                Gaps
                                                                                                                                            62
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